

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	1	chang-peichiu.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L5	1	lin-shuhai.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L6	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L7	22611	(lense or lens) and light and convex and thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L8	10	L6 and L7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L9	2	"6762751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L10	8	("5424756"   "5801681"   "6057540"   "6243080"   "6452683"   "6501460"   "6541762"   "6621483").PN. OR ("6762751").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L11	54	optical adj cursor	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L12	288032	light adj source	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L13	18	L6 and L11	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42

## EAST Search History

L14	1581031	magnif\$3 or magnification or enlarg\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L15	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L16	1581031	magnif\$3 or magnification or enlarg\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L17	90	L16 and L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L18	16412	(lense or lens) near4 thickness	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L19	6	L15 and L18	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L20	43063	(lense or lens) near4 (thickness or size or width or height or gap)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L21	13	L20 and L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L22	116	light and (lense or lens) and (spac\$3 or gap\$3 or width) and L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L23	1689	"345/157".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L24	1252	345/163.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L25	4	L20 and L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L26	12	L20 and L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L27	280	345/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L28	1967	250/216.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L29	2432	250/221.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L30	195	L20 and L28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L31	1	10/319470.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L32	3	09/931987.app. 10/316010.app. 10/131133. app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L33	2	"6421045".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L34	6	"6801967".pn. "6762751".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L35	9	("5945981"   "6211861"   "6219037"   "6255800"   "6304250"   "6392671"   "6476795").PN. OR ("6801967").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L36	3904904	light or led or L-E-D or (light adj emitting adj diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L37	274	reflect\$3 and coverg\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L38	287	L36 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L39	211	L38 and reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L40	36	L39 and converg\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L41	4620418	image or picture or illustration or representation or portrait	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L42	239	L41 and L15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L43	222	L42 and L36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L44	174	L43 and reflect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L45	2	"6281882".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L46	6	L15 and ((lense or lens or lenses) near4 thickness)	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L47	9716	((lense or lens or lenses) near4 (distance or space or spacing or length or far or from) near4 (light or LED or (light adj emitting adj diode) or (infra adj red) or IR))	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L48	5	L47 and L15	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L49	1	"6218659".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L50	3	("6218659").URPN.	USPAT	OR	ON	2006/02/15 17:42
L51	1	09/895749.app.	USPAT	OR	ON	2006/02/15 17:42
L52	1	08/869471.app.	USPAT	OR	ON	2006/02/15 17:42
L53	848	345/169.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L54	445	L53 and L36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L55	57	L54 and (lense or lens or len)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L56	1	(convex\$3 same coverg\$4) near5 distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L57	9	(convex\$3 same coverg\$4) same distance	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L58	24007	(focal adj length) same distance same (lense or lens or lense)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L59	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L60	8	L58 and L59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L61	1	10/623608.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L62	1	L61 and convex and (converging or convergence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L63	2	"5517211".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L64	1	"6218659".pn. and (thickness or lens or width)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L65	72631	((focal adj length) or ((convex or converging) same distance)) and (lens or lense or lenses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L66	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L67	24	L65 and L66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L68	1083	L65 and "345".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L69	23	L67 and (cursor or mouse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L70	354	L68 and (cursor or mouse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L71	25334	(((optical adj axis) or distance) same (convex or converging)) and (lens or lense or lenses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L72	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L73	4	L71 and L72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L74	84941	((focal adj (length or distance)) or ((convex or converging) same distance)) and (lens or lense or lenses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L75	28	L72 and L74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L76	27	("4647771").URPN.	USPAT	OR	ON	2006/02/15 17:42
L77	426	"L26" and (focal or distance or length)	USPAT	OR	ON	2006/02/15 17:42
L78	23	L76 and (focal or distance or length)	USPAT	OR	ON	2006/02/15 17:42
L79	0	"628659".pn.	USPAT	OR	ON	2006/02/15 17:42
L80	1	"6218659".pn.	USPAT	OR	ON	2006/02/15 17:42
L81	1	L80 and (focal or focus or length or distance)	USPAT	OR	ON	2006/02/15 17:42
L82	27	("4647771").URPN.	USPAT	OR	ON	2006/02/15 17:42
L83	451	345/163.ccls. and (focal or distance or length)	USPAT	OR	ON	2006/02/15 17:42
L84	218	L83 and optical	USPAT	OR	ON	2006/02/15 17:42
L85	326	345/166.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L86	133	(reflection or reflector or reflected) and (distance or length) and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L87	47	((reflection or reflector or reflected) same (distance or length) )and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L88	14642	((reflection or reflector or reflected) same (distance or length) same (optical or optics) same (magnify or magnification or focus or focused))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	SAME	ON	2006/02/15 17:42
L89	14642	((((reflection or reflector or reflected) same (distance or length)) same (optical or optics)) same (magnify or magnification or focus or focused))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	SAME	ON	2006/02/15 17:42



## EAST Search History

L90	11	L89 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	SAME	ON	2006/02/15 17:42
L91	280	345/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L92	0	L91 and L89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L93	474449	(reflection or reflector or reflected) and (distance or length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L94	20	L93 and L91	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L95	129166	((distance or (receiving adj size) or length) same (reflect\$3)) and (optic or optical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L96	1981	"345".clas. and L95	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L97	755	L96 and (cursor or mouse or (input adj (device or apparatus)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L98	430	L97 and (lens or lense or lenses)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L99	1986	((lense or lens or lenses) and (thickness or thick or depth) and (length or distance or (receiving adj size))) and (optical adj (mouse or cursor or input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L100	1616	(reflection or reflector or reflected) and L99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L101	3904904	light or (light adj emitting adj diode) or "LED" or L-E-D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L102	1602	L100 and L101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L103	819433	(light adj emitting adj diode) or "LED" or L-E-D	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L104	602	L103 and L100	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L105	427	L104 and (spaced or apart)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L106	3806743	"4647771".pn. and focal length	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L107	1	"4647771".pn. and (focal adj length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L108	1	"4647771".pn. and (length)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L109	568	((lense or lens or lenses) and (thickness or thick or depth) and (length or distance or (receiving adj size))) and (optical adj (mouse or cursor or input)) and (optical adj axis)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L110	3	L2 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L111	11	("5463387").URPN.	USPAT	OR	ON	2006/02/15 17:42
L112	1	09/465503.app.	USPAT	OR	ON	2006/02/15 17:42
L113	20	("4257670"   "4647771"   "4751505"   "4799055"   "4807166"   "4857903"   "4920260"   "4922236"   "5078470"   "5424756"   "5432530"   "5463387"   "5691898"   "5694123"   "5801681"   "5825308").PN. OR ("6552713").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/15 17:42
L114	1967	250/216.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L115	820	345/158.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L116	635	345/164	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L117	222	345/164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L118	280	345/160.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L119	1689	345/157.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L120	222	345/164.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L121	114	345/165.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L122	0	"463"".""41".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L123	222	"463""/""41".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L124	1340	463/42.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L125	182	463/39.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L126	1252	345/163.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42

## EAST Search History

L127	1967	250/216.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42
L128	1	10/623608.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/15 17:42